

# Atlanta Ham

HAPPY THANKSGIVING

NOVEMBER 2001



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### November Hamfests...

Alford Memorial ARC  
Lawrenceville Nov. 3-4  
[www.totr.radio.org](http://www.totr.radio.org)

Montgomery ARC  
Montgomery, Alabama  
Nov. 10  
[www.w4ap.org](http://www.w4ap.org)

## ISS CREW CHIEF ADDS SOME SPICE TO JOTA

Newington, CT  
ARRL Letter Vol. 20 No.43

Although he's been licensed a relatively short time, International Space Station crew commander Frank Culbertson, KD5OPQ, sounded like a contesting pro last weekend during Scouting's Jamboree On The Air. A former Boy Scout himself, Culbertson--operating NA1SS--worked a string of JOTA participants in the US and abroad October 20-21. Culbertson even brought along his Scout T-shirt.

Among the happy customers was Al Lark, KD4SFF ("Scouting for Fun"), who reports that at least three Scouts spoke with NA1SS over the weekend from Lark's N4ISS backyard JOTA setup in Greenville, South Carolina. "Frank was also excited to speak to a Scout from his home state of South Carolina."

Lark said the Scouts now are very interested in obtaining their ham tickets. On a Sunday pass over the US, Culbertson also logged contacts with K2BSA--the official Boy Scouts of America station

near Dallas, as well as with other stations in the Southwest, Midwest and Northeast.

Walker, K5CFW, said he had 16 boys from Troop 48 in New Orleans on hand to participate in JOTA. Walker said the



Frank Culbertson, KD5OPQ, ISS Crew Commander

In Louisiana, Cedric

(Continued on page 8)

## U.S. SENATE BILL'S PROVISION NOT VIEWED AS THREAT TO SURPLUS RADIO FANS

ARRL Letter Vol.23 No.43

Amateurs who also collect military surplus radio "boat anchors" apparently have nothing to fear about a provision contained in the Senate version of the huge Department of Defense appropriations bill, S.1438. The provision, Sec 1062, would create governmental authority to "ensure demilitarization of significant military equipment."

That provision, now a topic for discussion on news groups and Web sites, would require anybody possessing "significant

(Continued on page 4)

## THE ATLANTA HAM

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Atlanta Radio Club  
Attn: HAM EDITOR  
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Contact the editor for available formats to transfer material.

**DEADLINE FOR SUBMISSIONS IS THE 21ST OF EACH MONTH!**

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## THE ATLANTA RADIO CLUB, W4DOC

Originally known as the "Atlanta Wireless Club," the Atlanta Radio Club is one of the oldest and largest amateur radio clubs in the United States. With nearly 200 members, the Club sponsors numerous activities and services for its membership and for the Atlanta area amateur radio community.

The Club is best known for its sponsorship of the annual Atlanta HamFestival, a Saturday event which hosts many vendors, exhibitors, and flea marketers of amateur radio equipment and other electronic equipment, including computers



Bank of America Tower  
Site of Atlanta Repeaters:  
146.82(-), 224.34(-) and 444.825(+)

## W4DOC REPEATERS

The Atlanta Radio Club operates five repeaters at two locations. Currently our most active project is at the Bank of America Tower where we operate three repeaters at 146.82(-), 224.34 (-), and 444.825(+). All our repeaters are undergoing extensive renovations during the summer of 2001. On the web, go to <http://www.saf.com/arc/repeater.pdf> for a Acrobat 4.0 diagram of our system.

Our second location is the WFOX broadcast tower at Chestnut Mountain, south of Gainesville, GA. We operate three repeaters on 145.35(-) & 444.45 (+) . These repeaters are being renovated under the expert guidance of Dennis, KF4MHW, and should also be on the air before January 1, 2002. For pictures of that site, see <http://www.saf.com/arc/wfox.html>

## ASSOCIATE ORGANIZATIONS



## MEETING NOTICE

**WHEN:** Thursday November 1, 2001 730pm

**WHERE:** The Red Cross Training Rooms  
Lindbergh Plaza, Sidney Marcus  
& Piedmont Ave

**TALK IN:** 146.820

**DINNER:** The Picadilly Cafeteria located in the same building. We dine around 615PM

## PRESIDENT'S MESSAGE – PENN K4PE

Thanks to Ken Evans, W4DU, for an enthusiastic presentation on QRP. We were fortunate that Ken was willing to give anyone who wanted it personal attention after the presentation. He stayed with us until close to 10PM while holding court for the hams interested in kit building and other aspects of QRP.

Our program on November 1<sup>st</sup> will be on the U.S. Coast Guard Auxiliary and will be presented by one of our members, Eric Glascot, W4EMG/G3TSF. You can learn more about this organization at <http://www.cgaux.org/>. I originally heard from Eric when he wanted help DF'ing a signal on Lake Lanier that was QRM'ing the marine VHF frequencies. The Auxiliary has much in common with ham radio because it is a voluntary emergency services organization. They also use HF and VHF communications in their work and many of their volunteers are hams. They could use our help, so come on out and let's learn about this important organization.

Don't forget to renew your club dues. Club dues are due August 1<sup>st</sup>, but any member that has not renewed by December 1<sup>st</sup> will be dropped from the active membership role. If you paid the full \$22 fee at the 2001 Hamfest, you are in good standing through August 2002.

Some of you may not be aware that we have free access to an excellent HF/VHF/UHF/ATV/Satellite club station located downtown at the Scitrek Museum. The best part about this station is that we can promote ham radio to kids of all ages in the Atlanta area. The Atlanta Radio Club has the responsibility to staff the station the 4<sup>th</sup> Saturday of every month. If you would like unfettered access to the station you need an orange ID card. GARS is having a certification session on November 10, so if you like to help keep the Scitrek station operating join GARS on November 10 at noon. With the orange ID card you can access and operate this well equipped station anytime the station is open.

Don't forget the Lawrenceville Hamfest on November 3. This is an excellent Hamfest and I recommend it to all of you.

*The Atlanta Radio Club, Inc.*  
*P.O. BOX 942150*  
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andyk@hvbi.com

**Stan Halter, KE4VGZ**  
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ke4vgz@arrl.net

## WELCOME NEW MEMBERS...

**Richard "Joe" Johnson, KD5OJW**

## SURPLUS GEAR...

military equipment formerly owned by the Department of Defense" either to have it "demilitarized" or to return it to the government for demilitarization. The provision also has the National Rifle Association and a large number of firearms enthusiasts up in arms and wondering whether it would affect their hobby if it's included in the final legislation.

ARRL Legislative and Public Affairs Manager Steve Mansfield, N1MZA, looked into the issue and determined that those with surplus radio gear have nothing to worry about. "While we cannot speak reliably for the issue of firearms, we did contact one of the top lawyers for the Senate Committee on Armed Forces, where the provision was added to the bill," Mansfield said, "and he assured us that it would not be an issue unless a ham somehow had custody of some kind of top-secret and highly sophisticated military radio gear."

Mansfield said his Capitol Hill contact explained that the definition of "significant" derives specifically from the Arms Export Control Act (22 USC 2778), and that, in turn, was intended to provide "control of arms exports and imports" and not the typical ARC-5 transmitter or BC-348 receiver.

"In other words, it does not refer to radios, but rather to large shipments of large military ordinance like missile guidance systems and rocket launchers," Mansfield said.

The text of federal legislation may be found on the Thomas Legislative Information Web site, <<http://thomas.loc.gov/home/thomas>.

**C.T. Morgan**

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LARSEN**





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**TH-D7A/G** 2M/440

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Compatible w/ all FM VHF/UHF Transceivers • HF SSB Send/Rec. Digital Images (32 seconds) for download Store pictures in memory • 1.8" Color TFT LCD Display • Built-in speaker • mic • Download to PC (with special software)

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### TH-671A

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- 2m/440 Dual Band HT
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### TH-22AT

- Ultra Compact
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- 50W/35W • 280 Memos • Visual Scan
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- Cool-blue Reversible LCD • Backlit Mic

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### TS-2000

HF/VHF/UHF TCVR

- 100W HF, 6M, 2M • 50W 70CM
- 10W 1.2 GHz w/optional UT-20 module
- IF Stage DSP • Built-in TNC, DX packet cluster
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### TM-261A

2M Mobile

- 50W • Mid and Low • Mid-Spec
- 61 Mem. Channels • Alpha Numeric Function
- Dual Memo, DTMF Memory
- Backlit mic & built-in encode

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### TS-570DG/TS-570SG

DSP Enhanced

- 100w HF (100w on 6M TS-570SG only)
- QSK, CW Auto Tune • Autotuner incl 6M
- DSP • Large LCD Display • Elect. Keyer
- RCP2 Radio Control Program Compatible

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- 50w VHF 35w UHF • Opt. Voice Synthesizer
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- Remote Head Inst. only (kit included)
- 200 Memories • Built in 1200/9600 baud TNC
- Advanced APRS Features
- DX Packet Cluster
- Tone Scan • GPS/VC-H1/PC Ports

**Call Now For Low Price!**

### TS-50S

HF Transceiver

- TS-50S - World's smallest HF trans.
- SSB, CW, AM, FM • 12V Gen. Cov. RX
- 6.4 lbs., 7.16 x 2.4 x 9.32" • 100W out
- 105 db dynamic range, 100 Memos
- Opt. ext. ant. tuners available

**Call For Special Low Price!**

### TM742AD

2M/440MHz

- Optional 3rd band available • Backlit mic
- Up to 300 memories • 101 per band
- PL Encode Built In • Detachable front panel

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## A LITTLE HUMOR... Lee, AF4IA

Two Yagi antennas meet on a roof - fall in love - and get married.

The ceremony was kind of boring, but the reception was great!

## METRO TESTING SESSIONS

Call ahead to verify session and be prepared with the appropriate forms and required papers. A small fee may be charged. Check with the VEC

First Sunday WCARS VEC  
2:00 PM (Except July and September)  
Johnson High School  
3305 Poplar Springs Road, Gainseville  
Terry Jones, W4TL (770)967-6364

Second Tuesday 7:00 PM  
Walton EMC Building  
3645 Lenora Church Road, Snellville  
Wayne Taylor, WD4CCA (770)498-7759

Second Saturday CA VEC 8:30 AM  
Stone Mountain Methodist Church  
5312 West Mountain Street, Stone Mountain  
Hal Martin, K14RD (770)978-9160

Third Saturday CA VEC 9:00 AM  
Marietta First United Methodist Church  
Room 305  
56 Whitlock Avenue, Marietta  
Larry Huff, WA4CQZ (770)955-3171

Fourth Tuesday ARRL VEC 7:00 PM  
United Way Service Center  
6279 Fairburn Road, Douglasville  
Jessie Clower, KB4WFK (770)942-6466

Fourth Friday W5YI VEC 7:00 PM  
St. John Neumann Church  
801 Tom Smith Road, Lilburn  
Headphones provided  
Howie Gould, W9HG (770)921-8362

## ACTIVITIES CALENDAR FOR NOVEMBER 2001

LAWRENCEVILLE HAMFEST – The Alford Memorial Hamfest  
Nov. 3-4, 2001 Gwinnett County Fairgrounds

STARS – November 24, 2001 12pm – 3pm SCITREK

ATLANTA HAMFEST 2002... Always looking for volunteers. This is a good chance to have some fun and see what goes on behind the scenes in planning for a Hamfest. Jobs are easy, give me a call

## SATERN ENDS WORLD TRADE CENTER SUPPORT OPERATION

The ARRL Letter... VOL 20 NO. 43

The Salvation Army Team Emergency Response Network (SATERN) Amateur Radio volunteer support effort in the wake of the World Trade Center attack in New York City has ended. SATERN Amateur Radio Liaison Officer Jeff Schneller, N2HPO, says the operation wrapped up October 18. The Salvation Army now is relying on Nextel and cellular telephone service.

During its five weeks of service, several dozen Amateur Radio operators from all over the US assisted the Salvation Army's relief efforts. REACT International provided volunteers in the early weeks of the activation. Ham radio primarily was used to provide logistical support for the organization's canteens and feeding centers.

Among the more recent volunteers were Steve and Kim Merrill, KB1DIG and KB1GTR, from New Hampshire. They did a tour of duty October 7-18. Working anywhere from 10 to 14 hours a day, the couple called their time in New York City "a very humbling experience."

"There was so much devastation," the Merrills recounted. "Nothing read in the newspapers or seen on TV could have prepared us for the actual sight of all of this."

The Merrills said they came away from their SATERN volunteer experience feeling as though they had "lived a lifetime in a few short days," but with "friendships that will last a lifetime" and "stories that have no end."

"Salvation Army SATERN is to be commended," they said. "They were more than nice to us. We felt like a part of a family!"

Schneller has urged all Amateur Radio operators to prepare for the future by first getting acquainted with and joining their local ARES or SATERN teams, then by taking the ARRL Amateur Radio Emergency Communications Course <<http://www.arrrl.org/cce>>.

### SIGNMAN of Baton Rouge



#### ORDER THE W4DOC BADGE!



The Atlanta Amateur Radio Club badge has a SILVER background with BLUE letters and the CLUB LOGO in GOLD. The distinctive Atlanta skyline; designed by Roy Epps, K4UWO; makes this name tag unique. The ARC badge is \$8.75 (includes s&h).

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(225) 757-1545 Phone (225) 766-9387 Fax  
Toll-Free 888-HAM-TAG1 (888-426-8241)  
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## NOVEMBER 2001 CONTESTING SCHEDULE

**3-5**

[ARRL November Sweepstakes](#) CW.

See October QST, p 114

**IPA Contest**, Phone and CW, sponsored by The International Police Association Radio Club, CW Nov 3, 0600Z-1000Z and 1400Z-1800Z; Phone Nov 4 0600Z-1000Z and 1400Z-1800Z; 80 40 20 15 10 meters Send logs by Dec 31, to: Uwe Greggersen, DL8KCG, Hurststr. 9, D-51645 Gummersbach, Germany. [dl8kcg@darc.de](mailto:dl8kcg@darc.de) <mailto:dl8kcg@darc.de>; [www.iparc.com/Contests/contests.html](http://www.iparc.com/Contests/contests.html) <http://www.iparc.com/Contests/contests.html>

**10-11**

Worked All Europe Contest, RTTY, from 0000Z Nov 10 to 2400Z Nov 11. 80 40 20 15 10 meters. Single-op all band, Multi-op, Single transmitter and , but the sum of QTCs exchanged between two stations (sent plus received) must not exceed 10. A uniform list of QTCs sent must be kept. Send logs by December 15, to WAEDC Contest Committee, Durerring 7, PO Box 1126, D-74370, Sersheim, Germany, or e-mail [waedc@darc.de](mailto:waedc@darc.de) <mailto:waedc@darc.de>; [www.darc.de/referate/dx/fedcw.htm](http://www.darc.de/referate/dx/fedcw.htm) <http://www.darc.de/referate/dx/fedcw.htm>.

**Japan International DX Contest**, phone, sponsored by *Five Nine* magazine, from 2300Z Nov 9 until 2300Z Nov 11. Work JAs only. 80 40 20 15 10 meters. ; Send logs postmarked by Dec 31 to JIDX Contest, c/o Five-Nine Magazine, PO Box 59, Kamata, Tokyo, 144 Japan, or email them to [jidx-log@ne.nal.go.jp](mailto:jidx-log@ne.nal.go.jp) <mailto:jidx-log@ne.nal.go.jp>

**OK/OM DX Contest**, 0000Z Nov 10 to 2400Z Nov 11, CW and SSB, 160 80 40 20 15 10 meters. Mail to OK1FUA, Martin Huml, Radioamater, Vlastina 23, 161 01 Praha 6, Czech Republic. <http://www.crk.mlp.cz/ENG/DXCONTE.HTM>

[ARRL November Sweepstakes](#), See October QST, page 114.

## HAMS FOR ENDURING FREEDOM

*Helping Hams Find Nets During Operation  
Enduring Freedom*

<http://www.wireservices.com/hamsef/>

\* As a result of the attack on 9-11-2001, we observe a new interest by hams to be *radio-ready* should there be a national or local communications emergency. This *WEBSITE* [Our primary tool] and accompanying *EMAIL LIST* [Our secondary tool] serve to assist in that interest. HamsEF is not an organization, rather a touchpoint for information.

\* ABOUT THIS WEBSITE: HamsEF serves to help hams find the *already existing emergency sites and nets*. Once you find the nets and information you are looking for, it is suggested that you print a *hard-copy* of them. Keep your list in a safe place. This, in case you would not be able to access the Internet in the future. You may find that the website provides all the information you desire, and that you would not want to sign on to the email list.

\* ABOUT THE EMAIL LIST: The *HamsEF email list* is activated to share real-time information/discussion on emergency preparedness in light of "Operation Enduring Freedom" [OEF]. Such information may include discussion about emergency preparedness in regard to, but not limited to: Amateur Radio; breaking news and relative information [We suggest you sign-up for an automated email-news service below]. Sharing of concerns and opinions are allowed but are to be *kept to a minimum*. This will be a friendly and clean list. Flaming will not be tolerated. The general rules apply: No spam, no ads, no "for sales", etc. Together, with the Moderator, we will keep this list *on topic*. If the posts get out of control the Moderator may over-ride some postings or ask for a topic to be concluded. Please keep your subject line reflective of your post.

David H. Hatch [N9ZRT] - Moderator, List Owner

**ATLANTA RADIO CLUB, INC P.O. Box 942150 Atlanta, GA 31141-2150**

New[ ] Renewal[ ] Treasurer Use: Date Paid: \_\_\_\_\_ Amount: \_\_\_\_\_ Cash[ ] or Check#  
Name \_\_\_\_\_ Call \_\_\_\_\_ Class \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_ ST \_\_\_\_\_ Zip \_\_\_\_\_  
Phone \_\_\_\_\_ E-mail \_\_\_\_\_ Birth \_\_\_\_\_  
Occupation \_\_\_\_\_ Spouse's Name \_\_\_\_\_  
Family Names (Included in membership) List Here: \_\_\_\_\_

Type of Application [ ] Voting \$22 [ ] Associate \$15 [ ] Student \$8 [ ] Family \$2(non-voting)

Please include my renewal [ ] new [ ] membership in ARRL when processing this  
ARRL Dues are as follows for one year: \$39 Regular, \$5 Blind, and \$34 Over 65 yrs. Add \$5 for additional family.  
NOTE: The ARC receives a bonus rebate when members join or renew through the club.  
ARRL Dues include subscription to QST Magazine (Except Family/Blind memberships)

DUES PAID: ARC \$ \_\_\_\_\_ + FAMILY \$ \_\_\_\_\_ TOTAL \$ \_\_\_\_\_

ARRL \$ \_\_\_\_\_ + FAMILY \$ \_\_\_\_\_ TOTAL \$ \_\_\_\_\_

Make your check payable to Atlanta Radio Club SUMMARY \$ \_\_\_\_\_

## Comrade Charles Golsen, N4TQM, gets international exposure

Charles Golsen, N4TQM, was recently featured in a Russian version of PC WEEK demonstrating IRLP while he was overseas on an Atlanta Friendship Force trip to Russia. Charles continues to tell his stories of his exciting adventure and as demonstrated in this article the Russians were certainly exposed to some new and exciting things by their guest.

The Russians were very interested in the use of IRLP and Charles treated his new friends to a good bit of show 'n tell.

22 Связь & сетевые решения

### Интернет-зона для радиолюбителей

Российские волонтеры приглашают подключиться к IRLP

Александр Зайцев

Интернет-зона для радиолюбителей — это место, где можно общаться с другими любителями радиосвязи по всему миру. В настоящее время в России уже есть несколько таких зон, и их число продолжает расти. Это позволяет любителям радиосвязи общаться друг с другом даже на расстоянии в тысячи километров. Для этого используются специальные программы, которые позволяют передавать голос и данные по интернету. Это очень удобно, так как не нужно иметь специального оборудования, как в случае с обычной радиосвязью. Кроме того, это позволяет общаться с людьми из других стран, что очень интересно для многих любителей радиосвязи.

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ATLANTA RADIO CLUB, INC.  
PO BOX 720398  
ATLANTA, GA 30358



## **MEETING NOTICE NOVEMBER 1, 2001**

*(Continued from page 1)*

QSO with Culbertson was crystal clear and was "an unforgettable thrill for every one of them."

In Oklahoma, Boy Scouts from Troop 850 in Guthrie and Troop 116 in Oklahoma City managed a quick contact with Culbertson on a Saturday pass. "At 17,000 miles per hour, he didn't have much time to chat," explained Assistant Scoutmaster John Dronberger, N5YZA.

From Australia, Tony Hutchison, VK5ZAI, in Paringa said a young woman in his Scouting group of about 60 also snagged a contact with Culbertson. "Frank did a fine job over Australia on the scheduled pass," Hutchison said.

While over Europe, Culbertson whipped through a series of contacts--some with JOTA operations and others with non-participating stations. Recently, Culbertson has been more active in making casual FM voice contacts, and he's also been averaging two ARISS school contacts a week.